

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. *Cancelled.*

2. (*Currently amended*) The power amplification circuit according to Claim ~~[[1]]~~ 3, wherein the impedance of the negative feedback circuit increases with an increasing input signal power to the power amplifier.

3. (*Currently amended*) The A power amplification circuit ~~according to claim 1, wherein comprising:~~

a power amplifier; and

a negative feedback circuit connected between a signal input terminal and a signal output terminal of the power amplifier,

wherein impedance of the negative feedback circuit depends on a signal voltage occurring across the negative feedback circuit, and

wherein the negative feedback circuit is a series connection circuit consisting essentially of a diode and a capacitance device connected in series.

4. (Currently amended) The A power amplification circuit according to claim 1, wherein comprising:

a power amplifier; and

a negative feedback circuit connected between a signal input terminal and a signal output terminal of the power amplifier,

wherein impedance of the negative feedback circuit depends on a signal voltage occurring across the negative feedback circuit, and

wherein the negative feedback circuit is a series connection circuit consisting essentially of a diode, a capacitance device and a feedback resistor connected in series.

5. (Currently amended) The A power amplification circuit according to claim 1, wherein comprising:

a power amplifier; and

a negative feedback circuit connected between a signal input terminal and a signal output terminal of the power amplifier,

wherein impedance of the negative feedback circuit depends on a signal voltage occurring across the negative feedback circuit, and

wherein the negative feedback circuit is a series connection circuit in which a first diode and a second diode are connected to each other in series so that their forward directions are opposed to each other.

6. (*Previously presented*) The power amplification circuit according to Claim 5, wherein the first and second diodes of the series connection circuit are each constituted of a base-emitter junction or a base-collector junction of one bipolar transistor.

7. (*Original*) The power amplification circuit according to Claim 5, wherein the first and second diodes of the series connection circuit are constituted of a junction between two terminals out of base, collector and emitter of a first bipolar transistor, and a junction between two terminals out of base, collector and emitter of a second bipolar transistor, respectively.

8. (*Original*) The power amplification circuit according to Claim 5, wherein the first and second diodes of the series connection circuit are constituted of a junction between two terminals out of gate, drain and source of a first field effect transistor, and a junction between two terminals out of gate, drain and source of a second field effect transistor, respectively.

9. (*Original*) The power amplification circuit according to Claim 5, wherein the second diode has a junction area larger than the first diode.

10-16. *Canceled.*

17. (New) The power amplification circuit according to Claim 4, wherein the impedance of the negative feedback circuit increases with an increasing input signal power to the power amplifier.

18. (New) The power amplification circuit according to Claim 5, wherein the impedance of the negative feedback circuit increases with an increasing input signal power to the power amplifier.